

TOP SECRET S12151 RetCopy 11
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March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

**OAK - PART I
MISSION 4006
12-14 MARCH 1964**

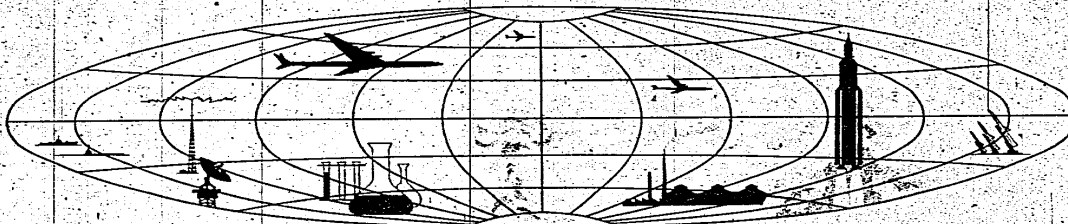
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

**TOP SECRET**GROUP 1
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25X1

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OAK - PART I

MISSION 4006

PREFACE

THIS IS THE FIRST OF AN ESTIMATED TWO DAILY OAK REPORTS BASED ON MISSION 4006 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 0800 HOURS, 18 MAR 64, TO 1700 HOURS, 18 MAR 64, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). INDEX NUMBERS ARE INDICATED BY THE LETTER I. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 4006 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

STATUS OF COMOR TARGET READOUT

A TOTAL OF 51 COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

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MISSILES

VERKHNYAYA SALDA ICBM LAUNCH AREA D 5812N 06034E

PROBABLE ERECTORS ARE APPARENT ON EACH LAUNCH PAD. THERE ARE 4 POSSIBLE TANK TRAILERS NEAR THE LEFT READY BUILDING, 6 PROBABLE LARGE VEHICLES ON THE ROADS WITHIN THE SITE, AND 8 PROBABLE VEHICLES/TRANSPORTERS AT THE FORWARD END OF THE SITE. THREE BUILDINGS ARE UNDER CONSTRUCTION IN THE SITE SUPPORT FACILITY. TWO CYLINDRICAL TANKS ARE OBSERVED FOR THE FIRST TIME.

(ATTACHMENT 1)

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VERKHNYAYA-SALDA ICBM LAUNCH AREA E 5814N 06054E

PROBABLE ERECTORS ARE APPARENT ON LAUNCH PADS AT LAUNCH AREA E (SITE 5). A SINGLE LARGE MISSILE READY BUILDING IS OBSERVED BEHIND THE LEFT PAD. A NARROW SMALLER BUILDING IS BEHIND THE RIGHT PAD. THE FRONT ROAD AND APRON DO NOT APPEAR TO BE PAVED. APPROXIMATELY 25 VEHICLES OF VARIOUS SIZES, ONE POSSIBLE MISSILE TRANSPORTER, AND 12 PROBABLE VEHICLES/TRANSPORTERS OBSERVED PARKED IN 3 AREAS AROUND THE LAUNCH SITE. SIX LARGE BUILDINGS ARE UNDER CONSTRUCTION IN THE SITE SUPPORT FACILITY.

(ATTACHMENT 2)

25X1

VERKHNYAYA SALDA ICBM LAUNCH AREA F 5814N 06041E

EXCELLENT PHOTOGRAPHY OF LAUNCH AREA F (SITE 7) REVEALS MANY DETAILS OF A TYPE IIIA LAUNCH SITE NOT PREVIOUSLY DISCERNIBLE. THE SILO COVER IS OPEN AT THE CENTER SILO. PART OF THE ACTUAL SILO OPENING IS OBSCURED BY THE SHADOW OF THE COVER. OBSERVATION OF THE 3 SILOS HERE AND AT LAUNCH AREA G (SITE 8) REVEALS THAT THE SILO COVERS MOVE TO THE RIGHT (AS SEEN FROM THE CONTROL BUNKER) INTO A SHALLOW RECTANGULAR EXCAVATION. SIX OBJECTS AND SMALL STRUCTURES ARE ATOP THE CONTROL BUNKER. THREE VEHICLES ARE PARKED

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OUTSIDE THE LOOP ROAD AND 4 VARIOUS-SIZED BUILDINGS ARE AROUND THE SITE OUTSIDE THE LOOP ROAD. A RIM FACILITY IS UNDER CONSTRUCTION ABOUT 2,700 FT SOUTH OF THE LAUNCH SITE. IT CONTAINS ONE SMALL BUILDING AND A LARGE PARTIALLY COMPLETED BUILDING, BOTH CONSTRUCTED WITH PREFORMED CONCRETE ARCHES. A FEW BUILDINGS ARE UNDER CONSTRUCTION IN THE SITE SUPPORT FACILITY.

(ATTACHMENT 3)

25X1

25X1

VERKHNYAYA SALDA ICBM LAUNCH AREA G 5813N 06049E

LAUNCH AREA G (SITE 8) IS COVERED BY EXCELLENT PHOTOGRAPHY REVEALING 3 RECTANGULAR COVERS OVER THE SILOS. THREE SMALL STRUCTURES ARE ADJACENT TO EACH OF 3 CORNERS OF THE COVER. TWO LOW STRUCTURES AND A ROUND OBJECT ARE ATOP THE CONTROL BUNKER. A POSSIBLE MISSILE TRANSPORTER AND 4 POSSIBLE LARGE VEHICLES/TRANSPORTERS ARE PARKED JUST OFF THE LOOP ROAD. A RIM FACILITY IS IN AN EARLY STAGE OF CONSTRUCTION APPROXIMATELY 2,700 FT EAST OF THE LAUNCH SITE. ONE BUILDING IS NOW UNDER CONSTRUCTION. FIFTEEN TO 20 VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN A CONSTRUCTION SUPPORT AREA ADJACENT TO THE LAUNCH SITE. NO SIGNIFICANT CHANGES AT THE SITE SUPPORT FACILITY.

25X1

(ATTACHMENT 4)

25X1

TYURATAM ICBM LAUNCH COMPLEX B 4559N 06333E

EARTH GRADING, INDICATIVE OF A NEW ROAD, LEAVES THE MAIN ROAD WHICH SERVES THE COMPLEX AND CIRCLES TO THE NW BEHIND THE RAIL LINE WHICH SERVES THE MISSILE READY BUILDING.

(ATTACHMENT 5)

25X1

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TYURATAM ICBM LAUNCH COMPLEX C 4558N 06339E

NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]
 NO ACTIVITY OBSERVED IN THE LAUNCH AREA.

25X1

(ATTACHMENT 6)

25X1

TYURATAM PROBABLE ICBM LAUNCH COMPLEX H 4558N 06341E

THERE IS A TALL THIN MAST-LIKE OBJECT STANDING
 ON THE PAD AT H2. THE PADS APPEAR CIRCULAR BUT
 ARE NOT AS WELL DEFINED AS OTHER FLAT PADS AT THE
 RANGEHEAD. A NARROW SHALLOW DITCH PASSES BETWEEN
 THE READY BUILDINGS AND PAD AT H1 AND H2 INDICATING
 THAT THE SITES ARE NOT COMPLETE.

(ATTACHMENT 7)

25X1

DROVYANAYA ICBM LAUNCH AREA A 5124N 11300E

NO SIGNIFICANT CHANGE IN LAUNCH AREA A (SITE 1) SINCE
 MISSION [REDACTED]

25X1

25X1

DROVYANAYA ICBM LAUNCH AREA C 5127N 11304E

NO SIGNIFICANT CHANGE IN LAUNCH AREA C (SITE 4) SINCE
 MISSION [REDACTED]

25X1

25X1

DROVYANAYA ICBM LAUNCH AREA D 5120N 11301E

NO SIGNIFICANT CHANGE IN LAUNCH AREA D (SITE 3) SINCE
 MISSION [REDACTED]

25X1

25X1

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DROVYANAYA ICBM LAUNCH AREA E 5122N 11250E
 LAUNCH AREA E (SITE 5) REMAINS IN A MID-STAGE OF
 CONSTRUCTION, UNCHANGED SINCE [REDACTED]
 A CONSTRUCTION RAMP EXTENDS TO EACH OF THE 3 SILOS
 WITHIN THE EXCAVATION. TWO EQUIPMENT BUNKERS
 APPEAR UNDER CONSTRUCTION BETWEEN THE SILOS. A
 LONG DITCH, UNDER CONSTRUCTION, EXTENDS GENERALLY
 NW FROM THE SITE TOWARD A LARGE BUILDING.
 APPROXIMATELY 12 BUILDINGS ARE WITHIN THE IMMEDIATE
 AREA OF CONSTRUCTION.

25X1

(ATTACHMENT 8)

25X1

DROVYANAYA ICBM LAUNCH AREA F 5119N 11253E

LAUNCH AREA F (SITE 6) REMAINS IN A MID-STAGE OF
 CONSTRUCTION, UNCHANGED SINCE MISSION [REDACTED]
 A CONSTRUCTION RAMP EXTENDS TO EACH OF THE 3 SILOS
 WITHIN THE EXCAVATION. AT LEAST 6 BUILDINGS ARE
 LOCATED WITHIN THE IMMEDIATE CONSTRUCTION AREA.

25X1

25X1

DROVYANAYA ICBM R/R TRANSFER POINT 5131N 11303E

25X1

NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]

25X1

KOZELSK ICBM LAUNCH AREA A 5354N 03545E

LAUNCH AREA A (SITE 3) IS A COMPLETED TYPE IIC
 LAUNCH SITE.

FOUR SNOW CLEARED TRACKS EXIT EACH READY BUILDING,
 EXTEND TOWARD THE LAUNCH PADS, AND APPEAR TO MERGE
 BEFORE ENTERING THE LAUNCH PADS. SNOW COVER
 OBSCURES THE PADS AND ANY POSSIBLE TRACK IMAGE.
 THREE APPARENT BUNKERS OR EARTH-MOUNDED STRUCTURES
 ARE LOCATED TO THE LEFT OF THE OFFSET CENTER
 SERVICE ROAD. THE CENTER STRUCTURE APPEARS SQUARE
 AND IS ADJACENT TO THE PROBABLE CABLE SCARS WHICH

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EXTEND BETWEEN THE PADS. THE OTHER TWO STRUCTURES ARE OBLONG OR RECTANGULAR. THE FORWARD STRUCTURE IS OFFSET TO THE LEFT. THE OTHER TWO ARE IN LINE WITH THE LONG AXIS OF THE LAUNCH SITE.

25X1

NO OTHER APPARENT CHANGE SINCE MISSION [REDACTED]

(ATTACHMENT 9)

25X1

25X1

[REDACTED] KOZELSK ICBM LAUNCH AREA B 5348N 03547E

FOUR SNOW-CLEARED TRACKS EXIT EACH READY BUILDING AND EXTEND TOWARD THE LAUNCH PADS, APPEARING TO MERGE BEFORE ENTERING THE PADS. SNOW COVER OBSCURES THE PADS AND ANY POSSIBLE TRACK IMAGE. THREE APPARENT BUNKERS OR EARTH-MOUNDED STRUCTURES ARE SITUATED TO THE LEFT OF THE OFFSET CENTER SERVICE ROAD. THE CENTER STRUCTURE APPEARS SQUARE AND IS ADJACENT TO THE PROBABLE CABLE SCARS WHICH EXTEND BETWEEN THE PAD. THE OTHER TWO ARE OBLONG OR RECTANGULAR. THE FORWARD BUILDING IS OFFSET TO THE LEFT. THE OTHER TWO ARE IN LINE WITH THE LONG AXIS OF THE PAD. A SMALL STRUCTURE IS APPARENT AT THE END OF EACH LEG OF THE PROBABLE ELECTRONICS FACILITY BEHIND THE LAUNCH SITE.

25X1

NO OTHER APPARENT CHANGES SINCE MISSION [REDACTED]

25X1

(ATTACHMENT 10)

25X1

25X1

[REDACTED] KOZELSK ICBM LAUNCH AREA C 5346N 03541E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1

NO ACTIVITY OBSERVED.

25X1

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25X1

KOZELSK ICBM LAUNCH AREA D 5354N 03551E

FOUR SNOW-CLEARED TRACKS EXIT EACH READY BUILDING AND EXTEND TOWARD THE LAUNCH PADS, APPEARING TO MERGE BEFORE ENTERING THE PADS. SNOW COVER OBSCURES THE PADS AND ANY POSSIBLE TRACK IMAGE. THREE APPARENT BUNKERS OR EARTH-MOUNDED STRUCTURES ARE SITUATED TO THE LEFT OF THE OFFSET CENTER SERVICE ROAD. THE CENTER STRUCTURE APPEARS SQUARE AND IS ADJACENT TO THE PROBABLE CABLE SCARS EXTENDING BETWEEN THE PADS. THE OTHER TWO ARE OBLONG OR RECTANGULAR. THE FORWARD BUILDING IS OFFSET TO THE LEFT. THE OTHER TWO ARE IN LINE WITH THE LONG AXIS OF THE LAUNCH SITE. A SMALL STRUCTURE IS APPARENT AT THE END OF EACH LEG OF THE PROBABLE ELECTRONICS FACILITY BEHIND THE LAUNCH SITE.

25X1

NO OTHER APPARENT CHANGES SINCE MISSION [REDACTED]

25X1

25X1

KOZELSK ICBM LAUNCH AREA E 5351N 03541E

AREA APPEARS TO BE IN THE LATE STAGE OF CONSTRUCTION. THE LAUNCH SILOS AND EQUIPMENT BUNKERS HAVE APPARENTLY BEEN BACKFILLED. LACK OF STEREO PRECLUDES FURTHER READOUT.

25X1

KOZELSK ICBM LAUNCH AREA F 5341N 03539E

NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]

25X1

25X1

(ATTACHMENT 11)

KOZELSK SUSPECT ICBM LAUNCH AREA G 5337N 03537E

NO ACTIVITY OBSERVED. SEVERAL SMALL STRUCTURES APPARENT WITHIN CLEARED AREA.

25X1

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25X1

KOZELSK ICBM MAIN SUPPORT FACILITY 5357N 03548E

NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1

25X1

KOZELSK ICBM R/R TRANSFER POINT 5356N 03547E

NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1

25X1

UGOLNYY MRBM LAUNCH SITE 6446N 17758E

PADS AND ROAD NETWORK APPEAR COMPLETE, HOWEVER CONSTRUCTION ACTIVITY CONTINUES BETWEEN NE PAIR OF PADS AND THE SITE SUPPORT FACILITY. PROBABLE ERECTORS EVIDENT ON 3 PADS AND CONSIDERABLE VEHICULAR ACTIVITY IS OBSERVED ON ROADS IN THE LAUNCH AREA.

(ATTACHMENT 12)

25X1

SARY-SHAGAN, INSTRUMENTATION SITE 3 4538N 07236E

NO SIGNIFICANT CHANGE OBSERVED THROUGH HEAVY SNOW SINCE MISSION [REDACTED] COMPONENTS INCLUDE 110-FT DOME, 50-FT DOME, 3 OPERATIONAL BUILDINGS, TOWER, INTERFEROMETER, APPROXIMATELY 30 SUPPORT BUILDINGS, AND A PARTIALLY CLEARED AIRSTRIP.

25X1

25X1

PERM ARMS PLANT MOTOVILIKHA MOLOTOV 172 5802N 05617E

NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] 25X1

25X1

QUALITY OF PHOTOGRAPHY PRECLUDES DETERMINATION OF

25X1

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25X1

EXISTANCE OF HIGH BAY BUILDINGS.
[REDACTED]

25X1

ULYANOVSK MOTOR VEHICLE PLANT 5418N 04820E**LARGE PLANT ON SOUTHERN OUTSKIRTS OF ULYANOVSK
CONSISTS OF 10 FABRICATION AND ASSEMBLY BUILDINGS,
2 ADMINISTRATIVE BUILDINGS, AND A POWER PLANT.****EXTREME OBLIQUITY PRECLUDES IDENTIFICATION OF
VEHICLES OR SPECIAL EQUIPMENT.**
[REDACTED]

25X1

PERM AIRCRAFT ENGINE PLANT STALIN 19 05759N 05615E**A NEW BUILDING WITH APPROXIMATELY 112,000 SQ FT OF
ROOF HAS BEEN CONSTRUCTED IN THE NE SECTION
OF THE PLANT. SCARRING AT THE BUILDING SITE WAS
PRESENT ON MISSION [REDACTED] AND THE BUILDING
WAS OBSERVED IN THE LATE STAGES OF CONSTRUCTION ON**
[REDACTED]

25X1

NO MISSILE ACTIVITY OBSERVED IN THE PLANT AREA.
[REDACTED]

25X1

25X6

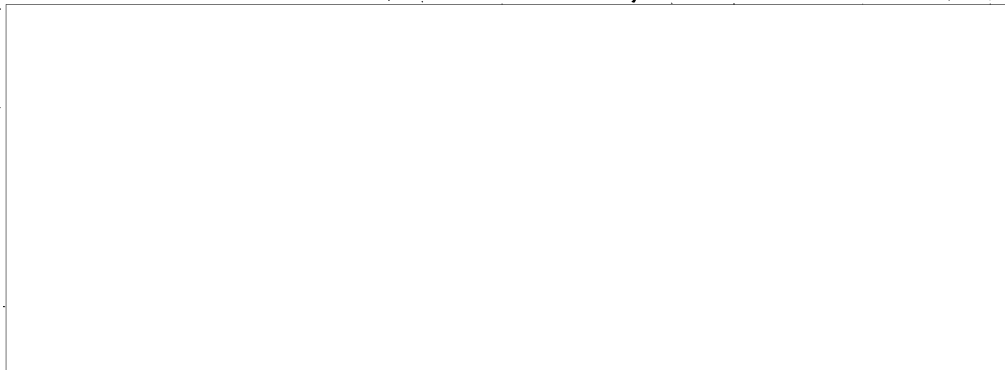
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25X1

[REDACTED] VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 4306N 13156E



25X2

GOLDEN HORN BAY -- 65 MERCHANT SHIPS, ONE SVERDLOV CL, 2 W-CLASS SS (ONE IN FLOATING DOCK), NUMEROUS MINOR COMBATANTS AND MISCELLANEOUS CRAFT.

SHIPYARD 202 -- SEVERAL SMALL CARGO VESSELS IN GRAVING DOCK.

BUKHTA DIOMID -- 5 SHCH IV SUBMARINES (FLOATING CRANE ALONGSIDE, POSSIBLY DISMANTLING), NUMEROUS MISCELLANEOUS CRAFT AND A FLOATING DOCK.

(ATTACHMENT 14)

25X1



25X1

[REDACTED] LENINGRAD PROBABLE AMM LAUNCH COMPLEX B-05 6006N 03044E

COMPLEX IS OBSERVED ON CLEAR, VERY GOOD QUALITY STEREO PHOTOGRAPHY WITH SNOW COVER. NO MISSILES, LAUNCHERS, GROUND SUPPORT EQUIPMENT OR TRACK ACTIVITY ARE VISIBLE IN THE VICINITY OF THE LAUNCH SITES. AT LEAST 10 SMALL UNIDENTIFIED VEHICLES ARE OBSERVED ON THE MAIN ACCESS ROAD NEAR THE COMPLEX ENTRANCE.

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THERE ARE FIVE OPENINGS ALONG THE OUTER AND INNER SIDES OF THE CURVED BUILDINGS AT THE LAUNCH SITES, INDICATING THAT EACH BUILDING CONTAINS FIVE BAYS. AT THE NORTHERNMOST LAUNCH SITE, CIRCULAR AREAS ARE APPARENT NEAR THE APEX OF THE TRIANGULAR POSITIONS OPPOSITE FOUR OF THE BUILDINGS. NO STRUCTURES SIMILAR TO THE ELECTRONIC FACILITIES OBSERVED AT THE NORTHWEST AND SOUTHWEST COMPLEXES HAVE BEEN ERECTED NW AND SE OF THE PROBABLE COMPLEX CONTROL CENTER.

(ATTACHMENT 15)

25X1

25X1

MOSCOW SAM SITE E15-1 5509N 03822E

THIS SITE WAS COVERED BY GOOD QUALITY CLEAR PHOTOGRAPHY. THE EXTERIORS OF ALL 3 POSSIBLE AMM-ASSOCIATED BUILDINGS ARE STILL UNDER CONSTRUCTION. NO ADDITIONS TO PREVIOUSLY REPORTED FACILITIES BUT MANY ADDITIONAL DETAILS OBSERVED.

THE PREVIOUSLY REPORTED UNIDENTIFIED OBJECT AT THE REAR OF THE LARGE BUILDING IS IDENTIFIED AS AN ELEVATED SQUARE PLATFORM THAT APPEARS SOLID ON ALL VISIBLE SIDES. THE PLATFORM APPEARS TO EXTEND DOWN THROUGH THE ROOF. OPENINGS IN THE ROOF ARE VISIBLE AT THE NORTH AND SOUTH SIDES OF THE PLATFORM. PROBABLE PARAPETS ARE OBSERVED ON ALL 4 SIDES OF THE BUILDING. NO OPENINGS EVIDENT IN THE VISIBLE WALLS. A TOWER CRANE IS OBSERVED AT THE NE CORNER OF THE BUILDING. THE UNIDENTIFIED STRUCTURE PARALLEL TO THE RECTANGULAR BUILDING ON THE SIDE OPPOSITE THE TWO 100 X 100-FT BUILDINGS IS UNDER CONSTRUCTION. FRAMEWORK FOR THE STRUCTURE IS VISIBLE.

THE NW 100 X 100-FT BUILDING IS AT LEAST 2 STORIES HIGH. THE FIRST LEVEL HAS BEEN COMPLETED WITH CONSTRUCTION OF THE SECOND LEVEL STILL IN PROGRESS. A SQUARE VERTICAL SHAFT EXTENDS DOWN THROUGH THE CEILING OF THE FIRST LEVEL AT THE APPROXIMATE CENTER OF THE BUILDING. THE ROOF OF THE SECOND LEVEL IS BEING CONSTRUCTED AROUND THIS VERTICAL SHAFT. THE EXTERIOR WALLS OF THE SECOND LEVEL HAVE NOT BEEN CONSTRUCTED. A CRANE IS ALSO OBSERVED AT THIS BUILDING.

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AT THE NE 100 X 100-FT BUILDING THE ROOF OF THE SECOND LEVEL APPEARS APPROXIMATELY 90 PERCENT COMPLETE WITH OPENINGS OBSERVED ON THE EAST AND WEST SIDE OF THE VERTICAL SHAFT. THE EXTERIOR WALLS OF THE SECOND LEVEL HAVE NOT BEEN CONSTRUCTED ON THE VISIBLE SIDE.

CANVAS-COVERED LAUNCHERS WITH PROBABLE MISSILES OBSERVED AT SOME SA-1 LAUNCH POSITIONS.

(ATTACHMENT 16)

25X1

25X1

TYURATAM MSL TEST CTR SAM SITE B13A-2 4548N 06344E
IDENTIFICATION ONLY.

25X1

AIR FACILITIES

25X1

CHEPELEVKA AIRFIELD 4947N 03026E

ASM AREA CONTAINS 3 LONG NARROW DRIVE-THROUGH BUILDINGS, ONE LARGE DRIVE-THROUGH BUILDING WITH HIGH-BAY LONGITUDINAL CENTER SECTION, ONE SMALL POSSIBLE EARTH-COVERED BUILDING, AND 4 OTHER BUILDINGS. AREA IS SECURED BY AN OUTER WIRE FENCE AND AN INNER SOLID FENCE. NO VEHICLES, MISSILES, OR HANDLING EQUIPMENT OBSERVED.

AIRCRAFT -- 40 BEAR AND 8 BADGER ON HARDSTAND ALONG PARALLEL TAXIWAY, ONE BEAR ON TAXIWAY, ONE BULL AND ONE CAB PARKED NEAR NORTH END TERMINAL TAXI LINK, ONE CAT/CUB ON HARDSTAND ALONG PARALLEL TAXIWAY, AND 20 POSSIBLE FITTER ON APRON AT SOUTH END OF AIRFIELD.

(ATTACHMENT 17)

25X1

25X1

ENGELS AIRFIELD 5129N 04611E

NO NEW CONSTRUCTION, ASM ACTIVITY, OR MISSILES

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25X2

[REDACTED]

AIRCRAFT -- 31 BISON AND ONE BEAR ON HARDSTANDS WEST OF TAXIWAYS, 4 BADGER ON PARKING APRON AT NORTH END OF TAXIWAY, ONE BADGER ON HARDSTAND WEST OF TAXIWAY, 2 BADGER ON PARKING APRON OFF SOUTH END OF TAXIWAYS, 2 BULL IN UNIDENTIFIED AREA EAST OF RUNWAY, 18 PROBABLE FITTER ON LOADING HARDSTANDS, 2 POSSIBLE FIREBAR ON PARKING APRON OFF SOUTH END OF TAXIWAYS, 3 UNIDENTIFIED SWEEP-WING FIGHTERS OFF SOUTH END OF TAXIWAY, 2 CAT ON PARKING APRON AT SOUTH END OF TAXIWAY, ONE CRATE ON PARKING APRON OFF SOUTH END OF TAXIWAYS, 4 CAB ON PARKING APRON AT SOUTH END OF TAXIWAY, AND 44 PROBABLE HELICOPTERS IN FIELD WEST OF AIRFIELD.

(ATTACHMENT 18)

25X1

25X1

[REDACTED]

SIAULIAI AIRFIELD 5553N 02323E

RUNWAYS AND TAXIWAYS CLEARED OF SNOW. ASM AREA CONTAINS 3 LONG NARROW DRIVE-THROUGH BUILDINGS, ONE LARGE DRIVE-THROUGH BUILDING WITH HIGH-BAY LONGITUDINAL CENTER SECTION, ONE SMALL POSSIBLY EARTH-COVERED BUILDING, AND 4 OTHER BUILDINGS. ALL MAJOR BUILDINGS ARE HEATED BY ABOVE-GROUND STEAM LINES. AREA IS SECURED BY OUTER WIRE FENCE AND SOLID INNER FENCE. NOT ALL INTERNAL ROADS ARE CLEARED OF SNOW. NO VEHICLES OR HANDLING EQUIPMENT OBSERVED.

[REDACTED]

25X1

25X2

AIRCRAFT -- 11 BISON AND 5 BADGER ON HARDSTANDS OFF LOOP TAXIWAY, 27 BEAGLE AND 2 FARMER ON SOD AND IN MAINTENANCE AREA AT NW END OF FIELD. TWO FAGOT, ONE FARMER, 5 FISHBED, 2 UNIDENTIFIED FIGHTERS, ONE POSSIBLE CREEK, ONE COLT, ONE CAB, ONE POSSIBLE FARMER, AND 3 PROBABLE MANDRAKE ON TAXIWAY SOUTH OF NW SOD AREA, 2 FISHBED ON SOD RUNWAY EAST OF MAIN RUNWAY, ONE FISHBED AIRBORN OFF SOD RUNWAY, AND 26

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FISHBED AND 8 FAGOT ON ALERT HARDSTANDS, TAXIWAY, AND CROSSOVER TAXIWAY IN MAIN AIRFIELD AREA.

(ATTACHMENT 19)

25X1

25X1

BARANOVICHI AIRFIELD 5306N 02603E

RUNWAY AND TAXIWAYS CLEARED OF SNOW. NO APPARENT CHANGE IN SECURED AREA NW OF CENTER OF RUNWAY. NO VEHICLES, MISSILES, OR HANDLING EQUIPMENT OBSERVED.

AIRCRAFT -- 8 BLINDER AND 20 BADGER ON HARDSTANDS IMMEDIATELY OFF LOOP TAXIWAY, 8 DELTA/SHEPT-WING FIGHTER AIRCRAFT ON EAST ALERT APRON, 4 UNIDENTIFIED SMALL AIRCRAFT ON EAST ALERT HARDSTAND, UNDETERMINED NUMBER OF UNIDENTIFIED SMALL AIRCRAFT ON WEST ALERT APRON, 3 UNIDENTIFIED POSSIBLE STRAIGHT-WING AIRCRAFT ON HARDSTANDS OFF LOOP TAXIWAY.

25X1

OLENEGORSK AIRFIELD 6809N 03327E

25X1

NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] NO EVIDENCE OF ASM FACILITIES, NEW CONSTRUCTION, VEHICLES, MISSILES, OR HANDLING EQUIPMENT ON PARKING APRON ADJACENT TO TAXIWAY.

25X1

AIRCRAFT -- 14 BADGER AND ONE UNIDENTIFIED STRAIGHT-WING (26D) AND 2 BEAR, 3 BADGER, AND ONE CAB (10D) ON PARKING APRON ADJACENT TO TAXIWAY.

25X1

MYS SHMIDTA AIRFIELD 6853N 17924E

NO NEW CONSTRUCTION OBSERVED.

AIRCRAFT -- 2 PROBABLE CRATE ON TAXIWAY AND ONE PROBABLE COLT IN BUILDING AREA.

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25X1

25X1

ORSHA AIRFIELD SOUTHWEST 5426N 03018E

NO NEW FACILITIES, MISSILES, OR MISSILE EQUIPMENT
DISCERNIBLE.

AIRCRAFT -- 27 BADGER.

25X1

ANADYR/LENINKA AIRFIELD 6442N 17742E

NO NEW CONSTRUCTION ACTIVITY OBSERVED.

AIRCRAFT -- 2 BADGER, 20 UNIDENTIFIED SWEEP-WING
FIGHTERS, 2 CAB, ONE COACH/CRATE, ONE UNIDENTIFIED
STRAIGHT-WING PROBABLE TRANSPORT, AND ONE HELICOPTER
ON PARKING APRONS.

25X1

25X1

MELITOPOL AIRFIELD 4653N 03518E

NO NEW CONSTRUCTION ACTIVITY OBSERVED.

AIRCRAFT -- 8 BADGER, ONE BULL, ONE BEAGLE,
2 FLASHLIGHT/FIREBAR, AND 29 CAT/CUB ON HARDSTANDS
AND TAXIWAY.

25X1

SARABUZ AIRFIELD 4507N 03359E

NO APPARENT CHANGE IN PROBABLE ASM AND WARHEAD
STORAGE AREAS SINCE MISSION

NO

25X1

25X1

AIRCRAFT -- 18 BADGER ON HARDSTANDS AND PARKING APRON.

25X1

18

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X2

NPIC/R-200764



25X1

ELECTRONICS/COMMUNICATIONS

[REDACTED] YENISEYSK TROPO SCATTER STATION 5829N 09159E

THE AREA REPORTED TO CONTAIN TROPO SCATTER STATION COVERED BY GOOD QUALITY PHOTOGRAPHY. THE STATION IS NOT VISIBLE.

25X1

[REDACTED] SIMFEROPOL TRACKING & COMMUNICATIONS CENTER 4503N 03353E

25X1

CONSTRUCTION ACTIVITY INCLUDES A 50-FT DOME ON TOP OF THE WESTERNMOST 80- X 55-FT BUILDING AT THE TRACKING FACILITY. A CIRCULAR WALL OR PATTERN IS LOCATED ON TOP OF THE EASTERNMOST 80- X 55-FT BUILDING. THE PREVIOUSLY REPORTED 90-FT DISH AT THE PROBABLE SATELLITE TELEMETRY COLLECTION SITE HAS BEEN REMOVED. CONSTRUCTION ACTIVITY, POSSIBLY FOOTINGS, OBSERVED JUST EAST OF THIS SITE. CONSTRUCTION CONTINUES ON THE INTERFEROMETER. A CONDUIT LEADS INTO THE AREA AND A LARGE RECTANGULAR BUILDING IS LOCATED NEAR THE INTERSECTION OF THE ARMS. APPROXIMATELY 95 BUILDINGS OBSERVED IN

21

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

NPIC/R-200/64

THE SUPPORT AND HOUSING AREA AND AT THE OPERATIONAL SITE. THE STEERABLE CIRCULAR REFLECTOR HAS A DIAMETER OF [REDACTED] METERS AND A CASSEGRAINIAN FEED. THE HELICE ARRAY REFLECTORS WITH SOLID OR PUNCHED HOLE SURFACES AT THE PROBABLE SATELLITE TELEMETRY COLLECTION SITE MEASURE 30 X 25 FT.

(ATTACHMENT 23)

[REDACTED]

25X1

25X1

MILITARY ACTIVITY

[REDACTED] PERM ARMY BARRACKS SOUTH 5800N 05616E

POOR QUALITY PHOTOGRAPHY PRECLUDES IDENTIFICATION OF MILITARY INSTALLATION IN THE VICINITY OF PERM.

[REDACTED]

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT I

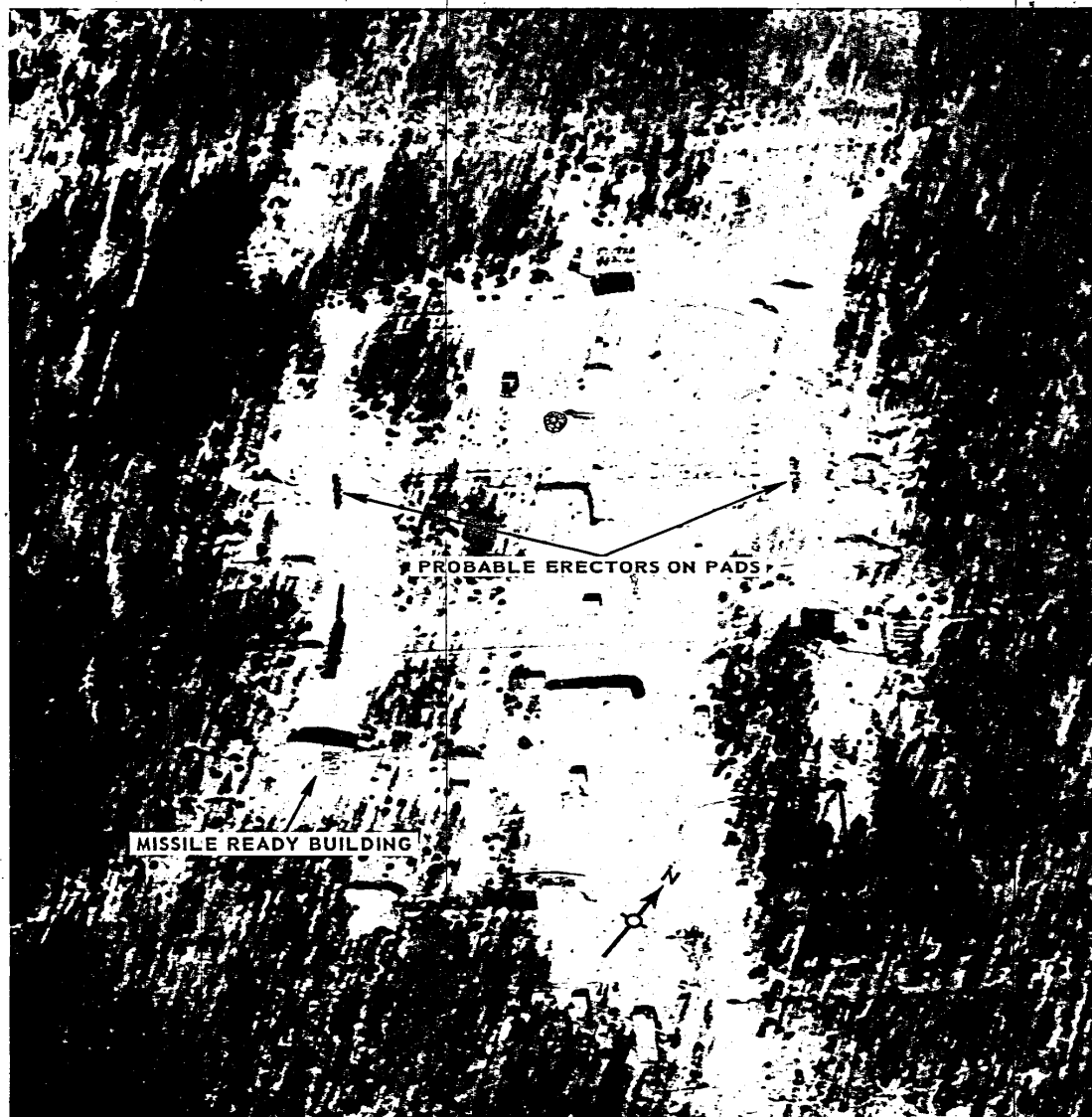


VERKHNYAYA SALDA ICBM LAUNCH AREA D

TOP SECRET CHESS RUFF

TOP SECRET CHESH RUFF

NPIC/R-200/64
ATTACHMENT 2



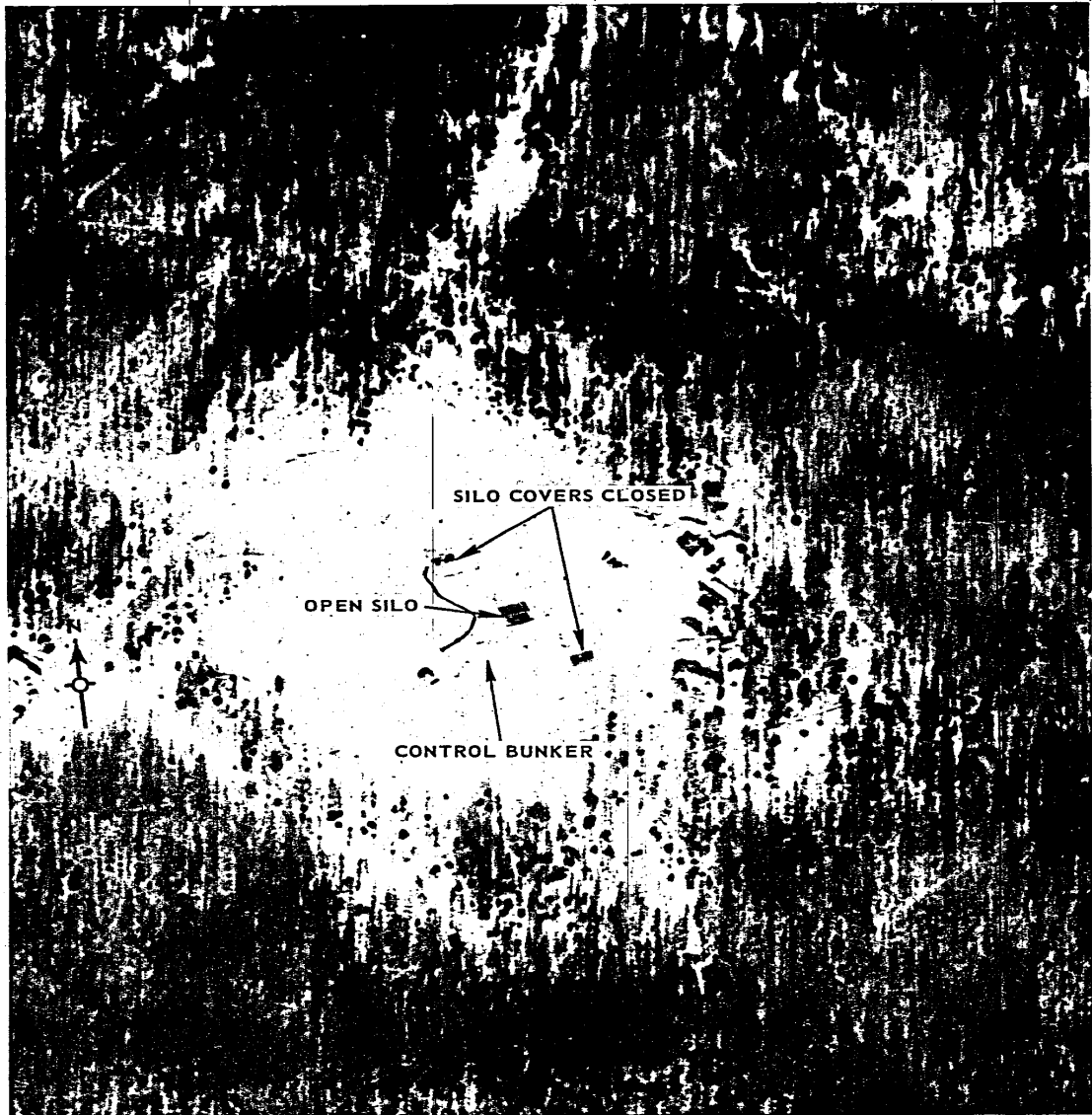
VERKHNYAYA SALDA ICBM LAUNCH AREA E

NPIC H-8637 (8/64)

TOP SECRET CHESH RUFF

TOP SECRET CHESS RUFF

NPIC/R-220/64
ATTACHMENT 3



VERKHNYAYA SALDA ICBM LAUNCH AREA F

NPIC H-6636 (3/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 4



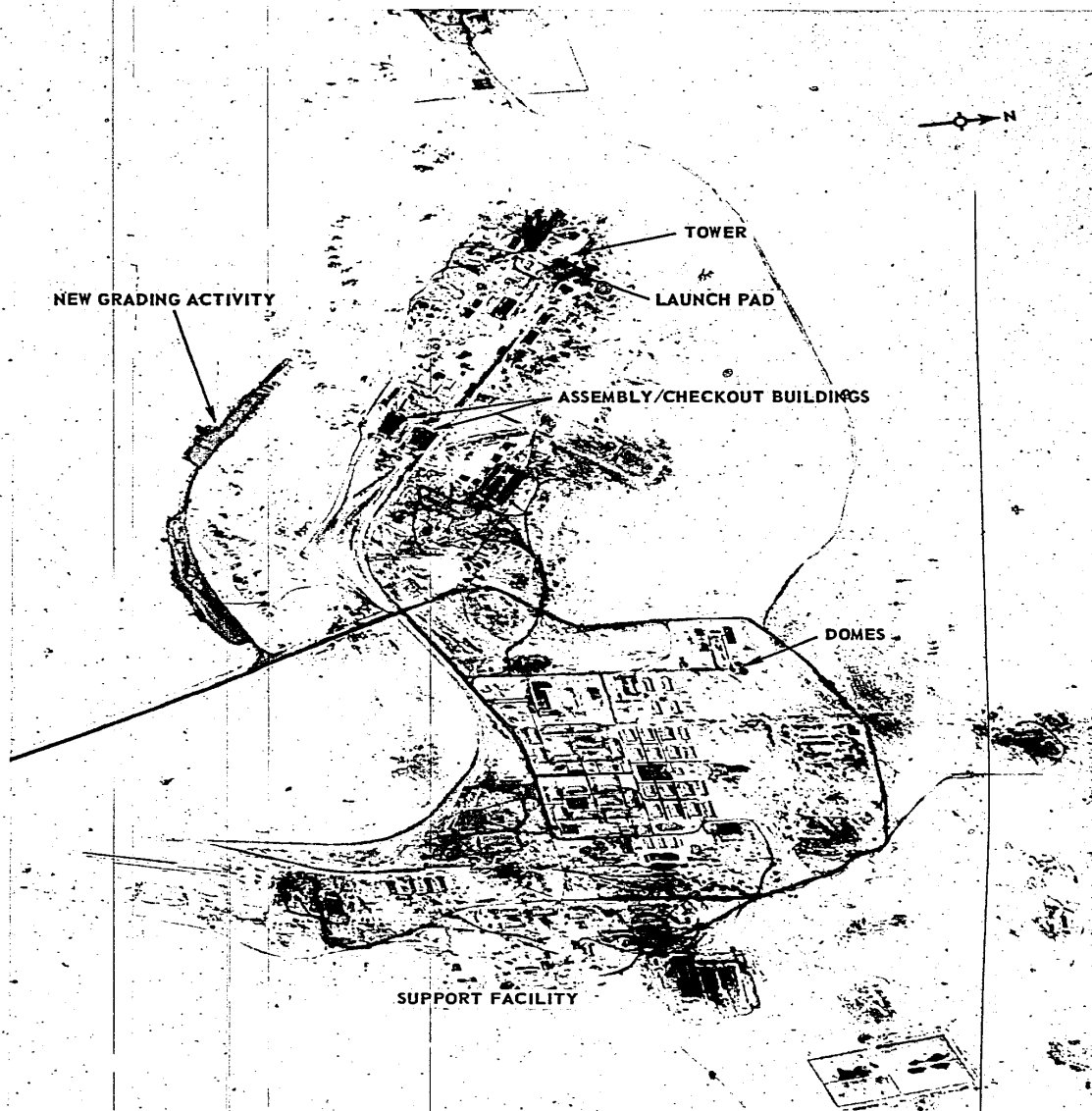
VĖRKHNYAYA SALDA ICBM LAUNCH AREA G

NPIC, H-8539 (3/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 5



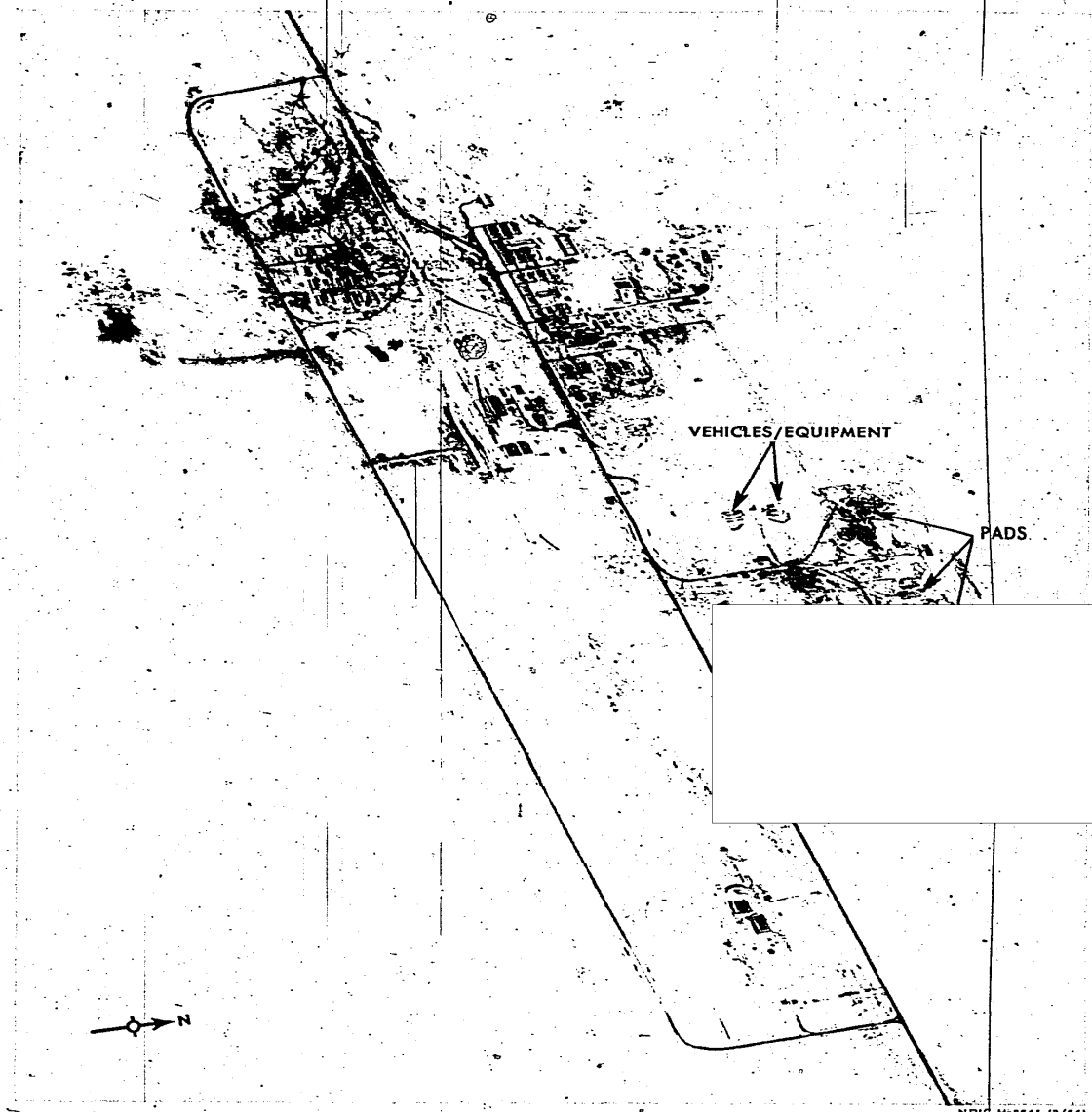
TYURATAM ICBM LAUNCH COMPLEX B

NPIC H-8640 (3/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 6



TYURATAM ICBM LAUNCH COMPLEX C

NPIC H-8541 (9/64)

25X2

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 7



RAIL-SERVED MISSILE READY BUILDINGS

LAUNCH PADS

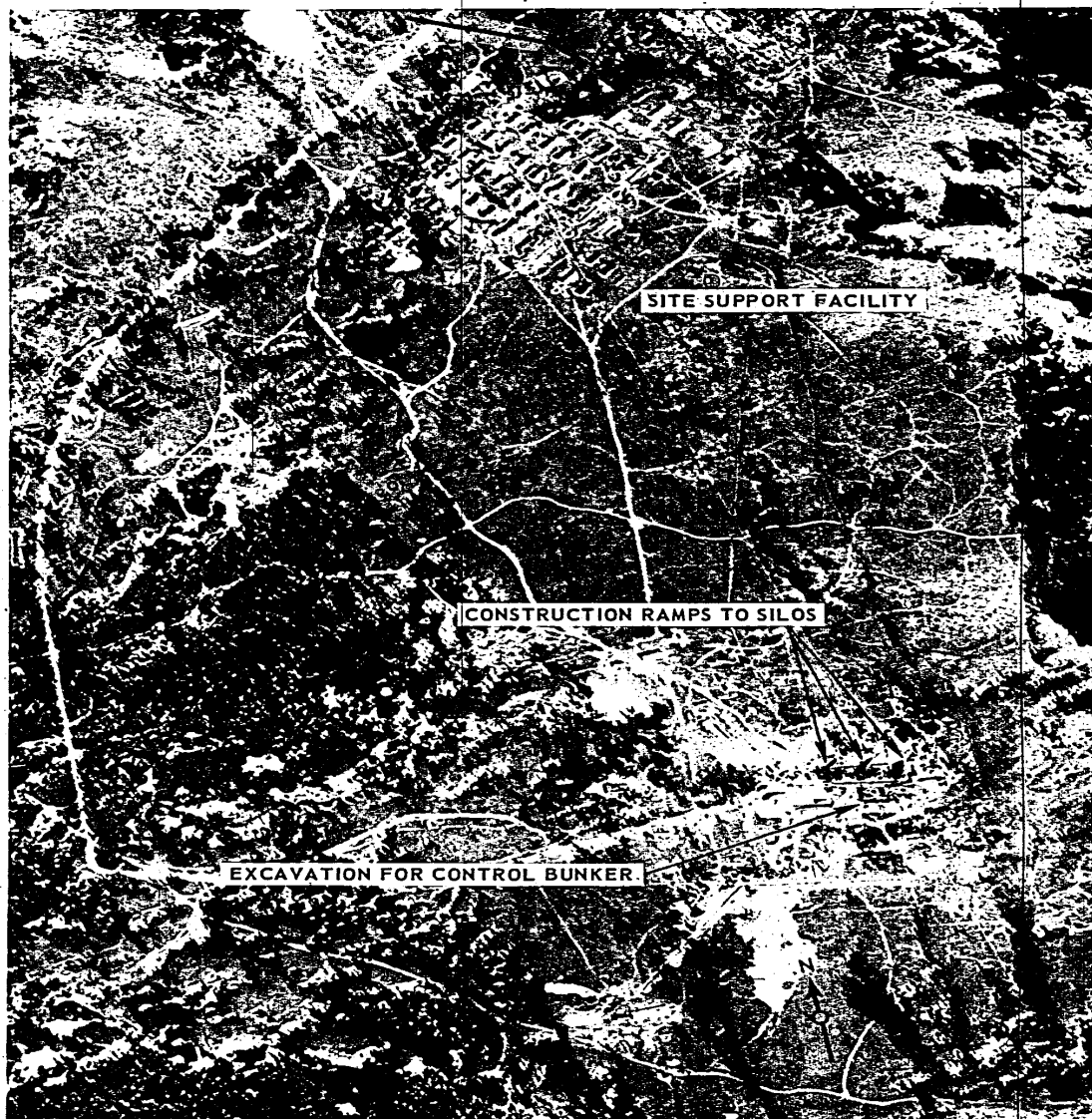
TYURATAM ICBM LAUNCH COMPLEX H

NPIC H-1842 (3/44)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 8



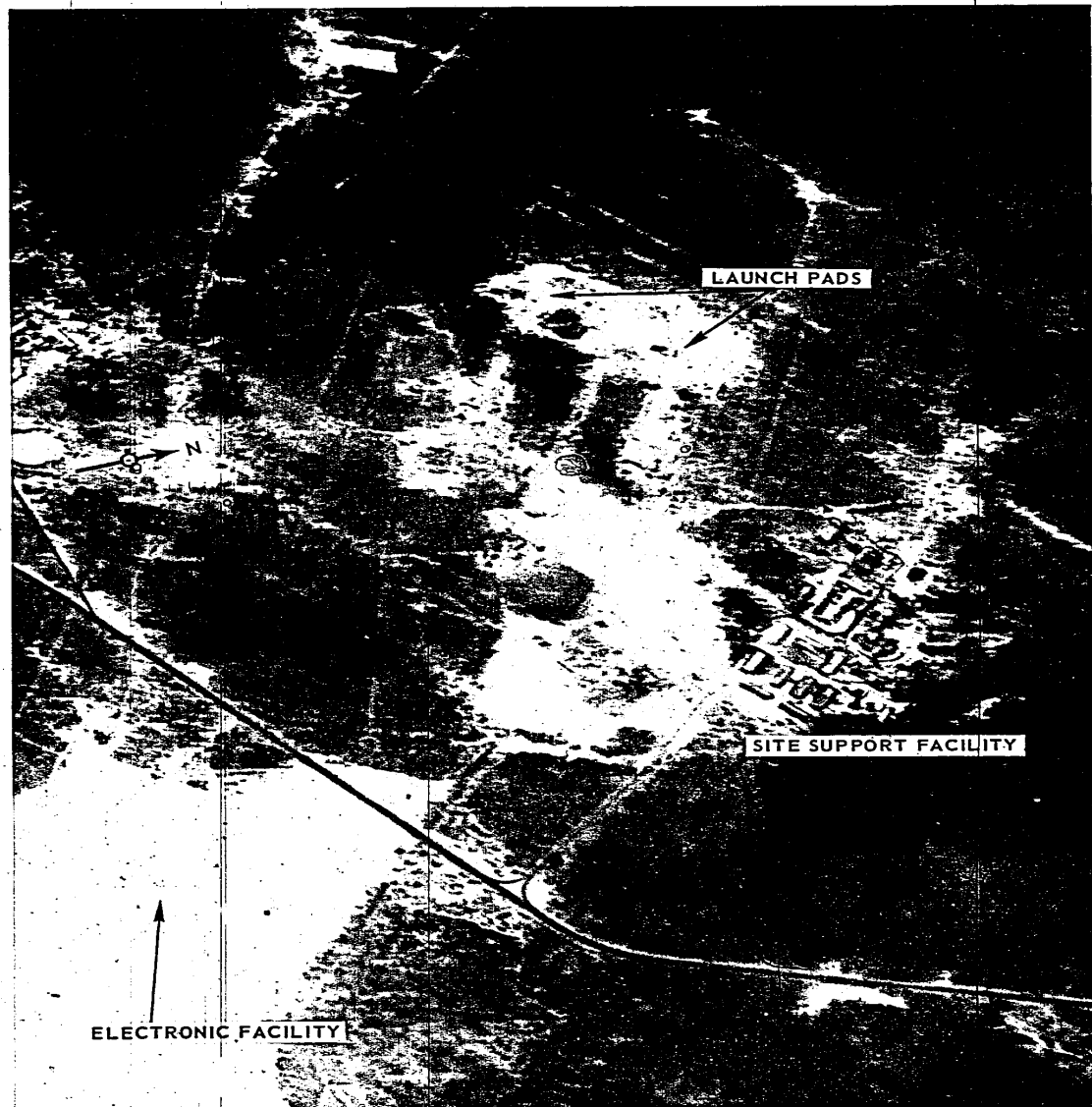
DROVYANAYA ICBM LAUNCH AREA E

NPIC/R-200/64 (S/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 9



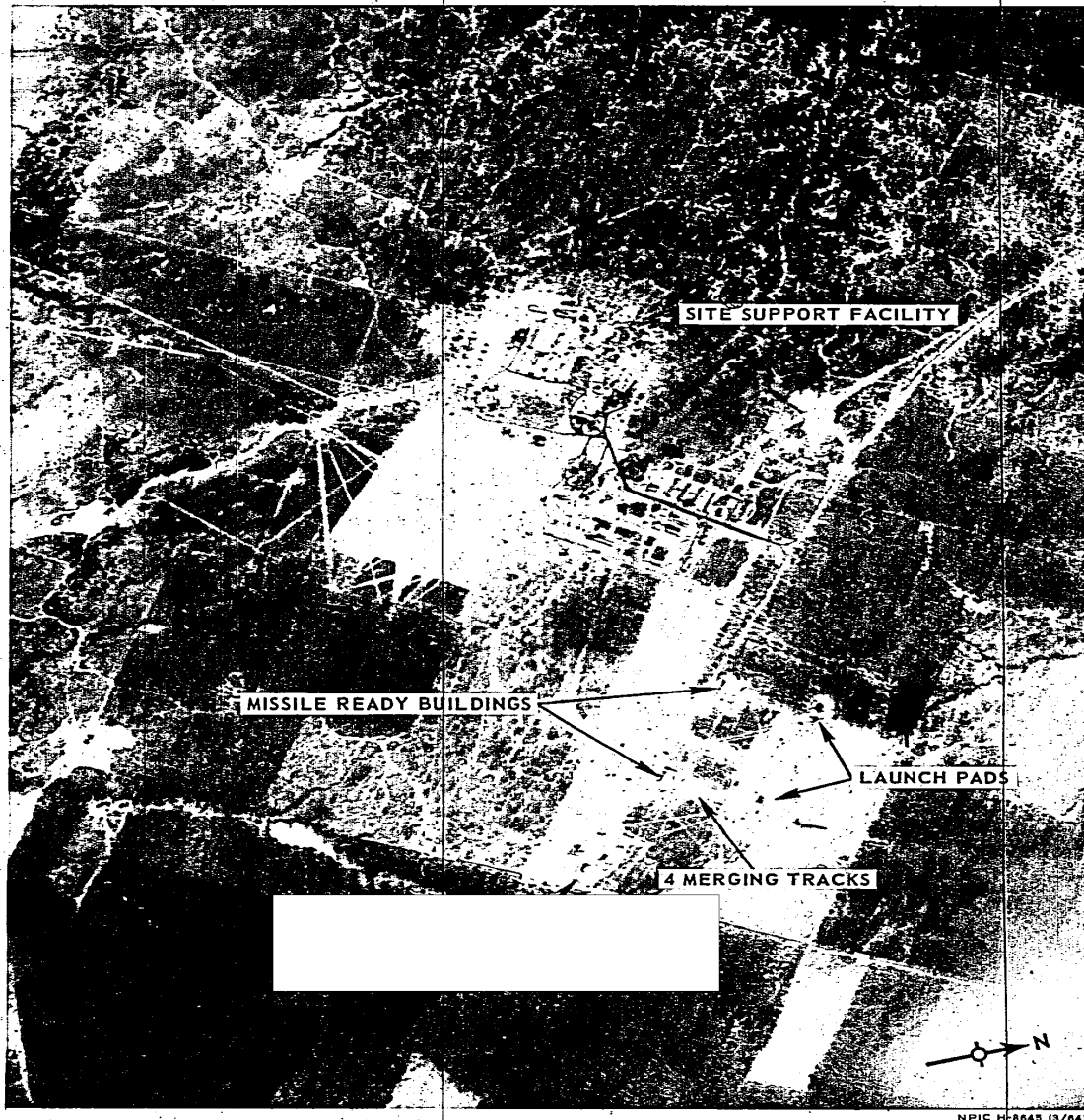
KOZELSK ICBM LAUNCH AREA A

NPIC H-8644 (3/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 10



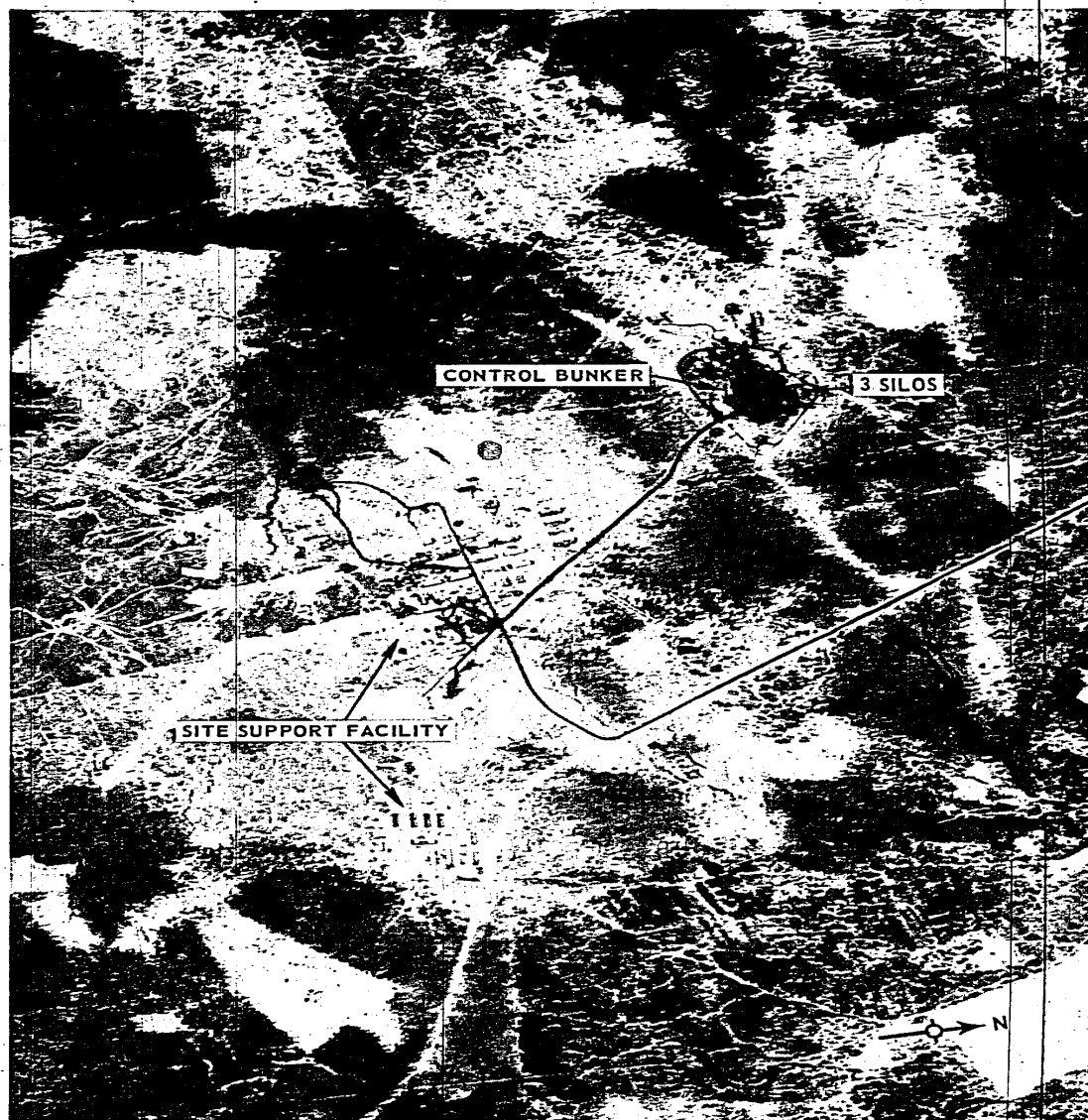
25X2

KOZELSK ICBM LAUNCH AREA B

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 11



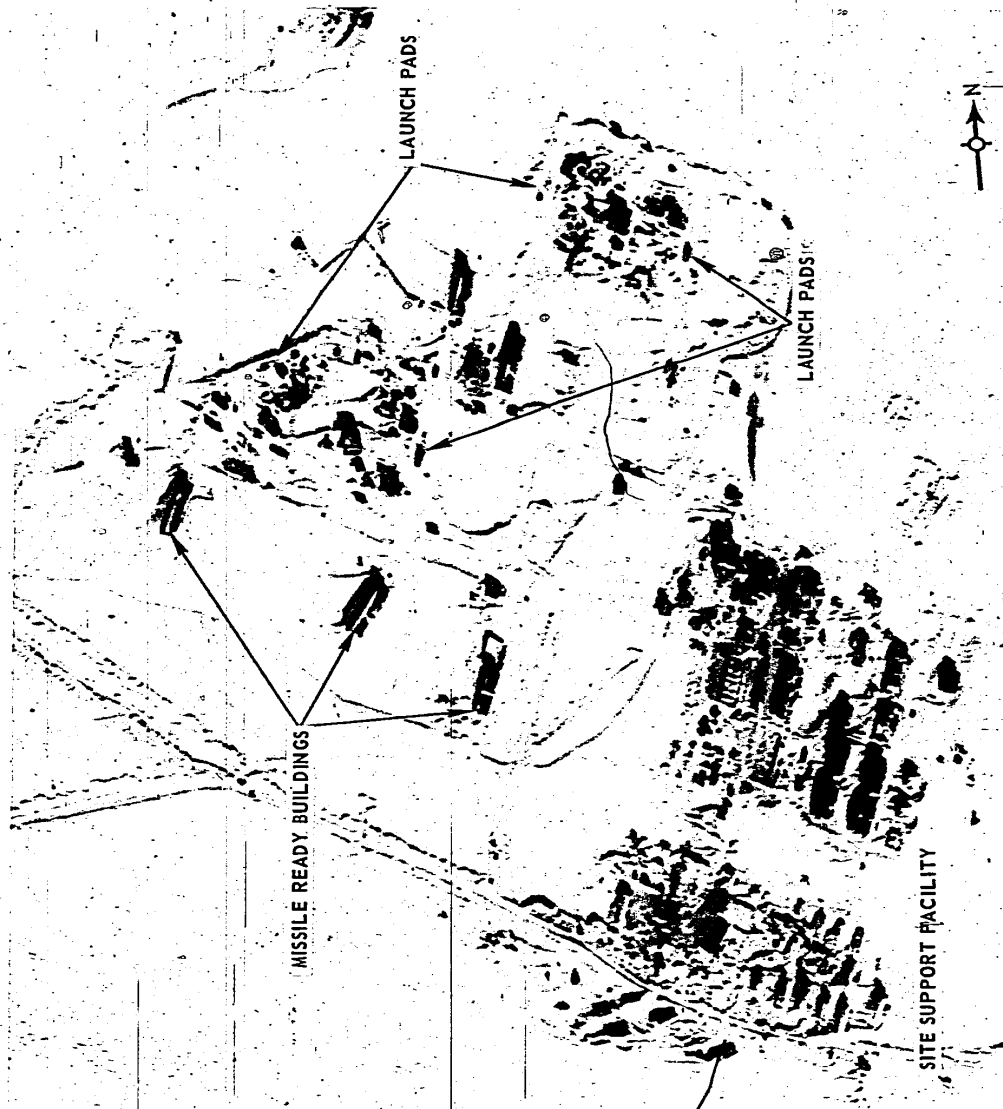
KOZELSK ICBM LAUNCH AREA F

NPIC H-8046 (9/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESSE RUFF

NPIC/R-200/64
ATTACHMENT 12



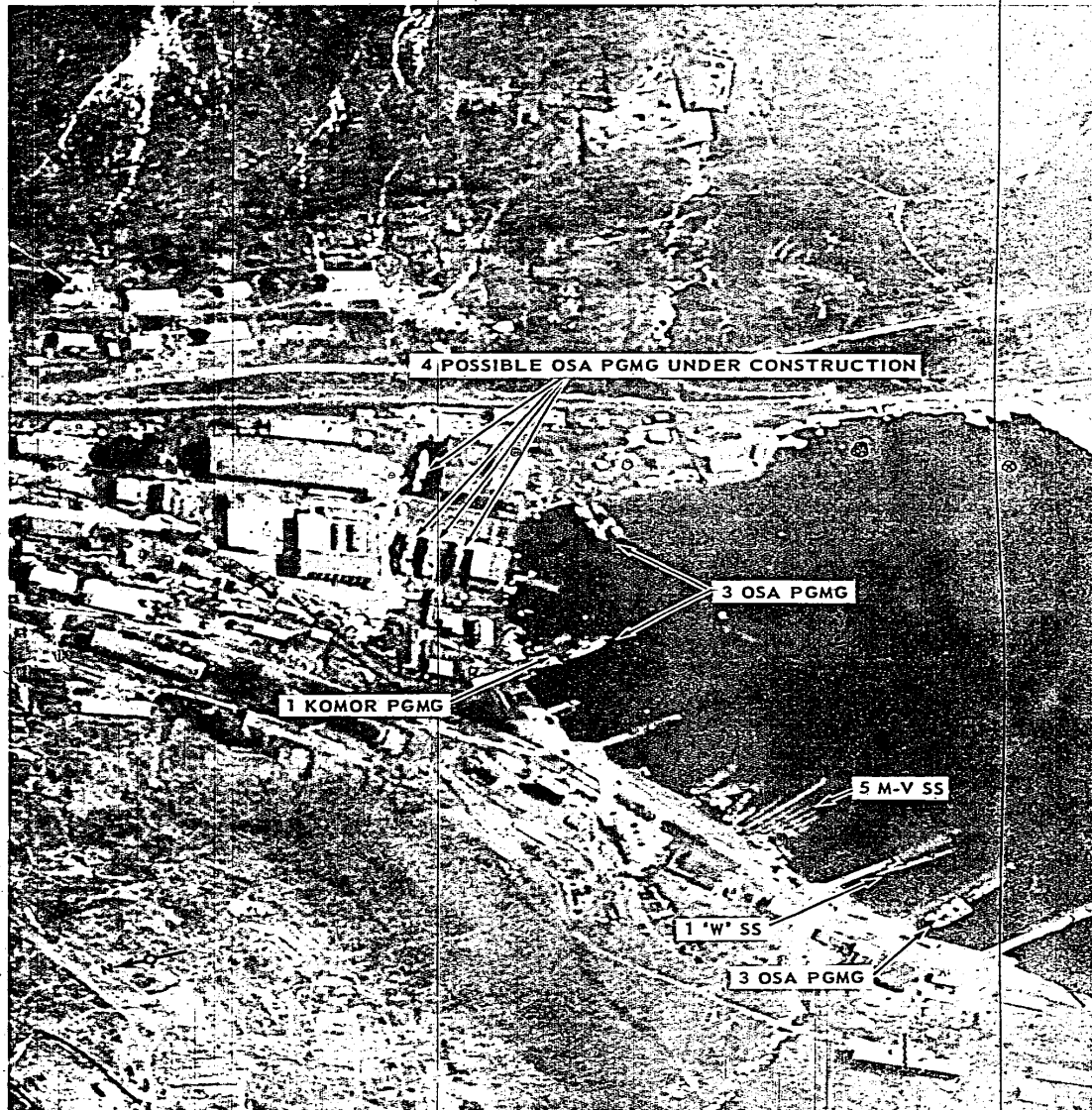
TOP SECRET CHESSE RUFF

NPIC H-200/64

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NPIC/R-200/64
ATTACHMENT 14



VLADIVOSTOK SS BASE ULISA BAY

NPIC H-8649 (2/64)

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TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 15

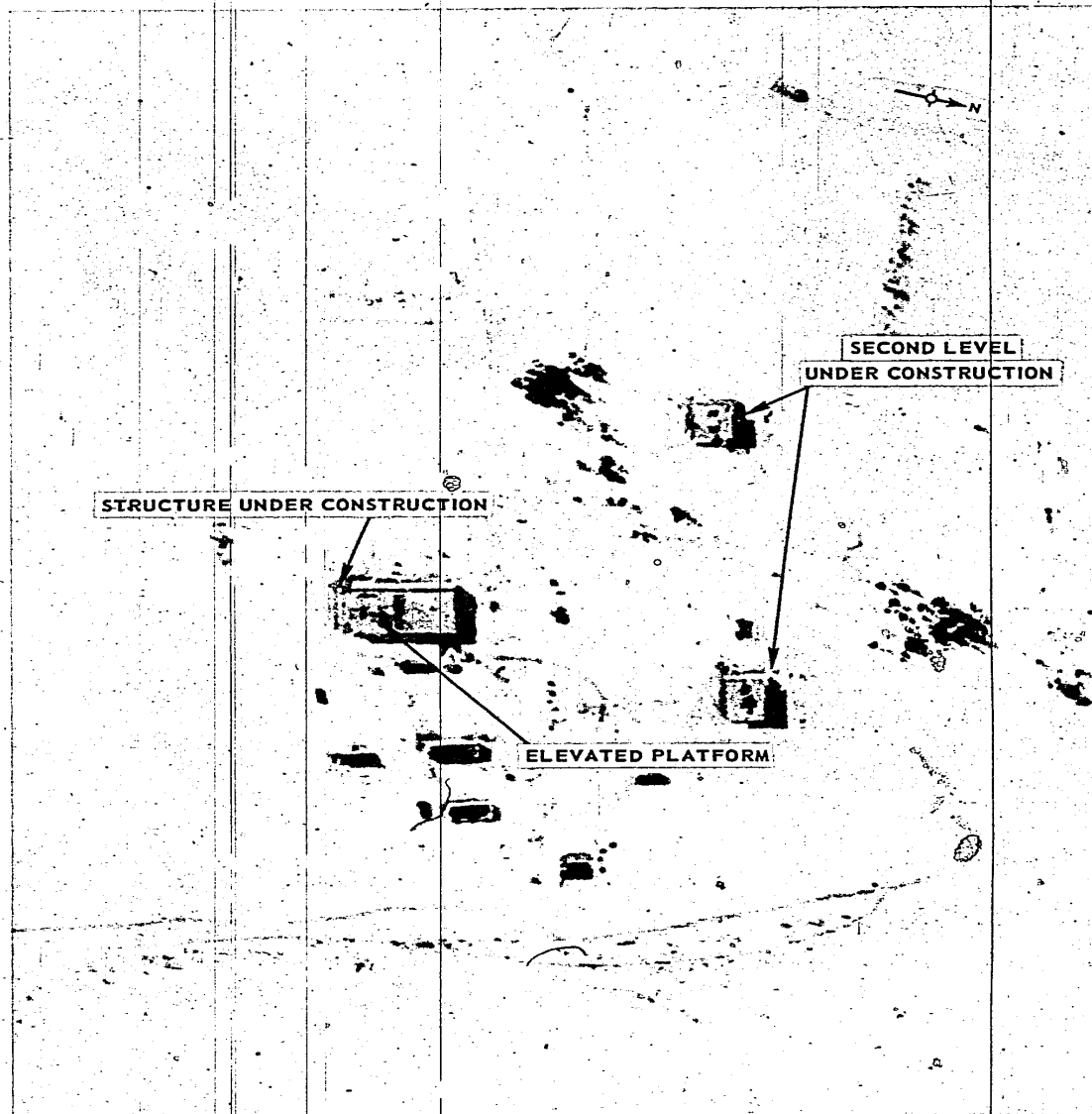


LENINGRAD PROBABLE AMM LAUNCH COMPLEX B-05

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 16



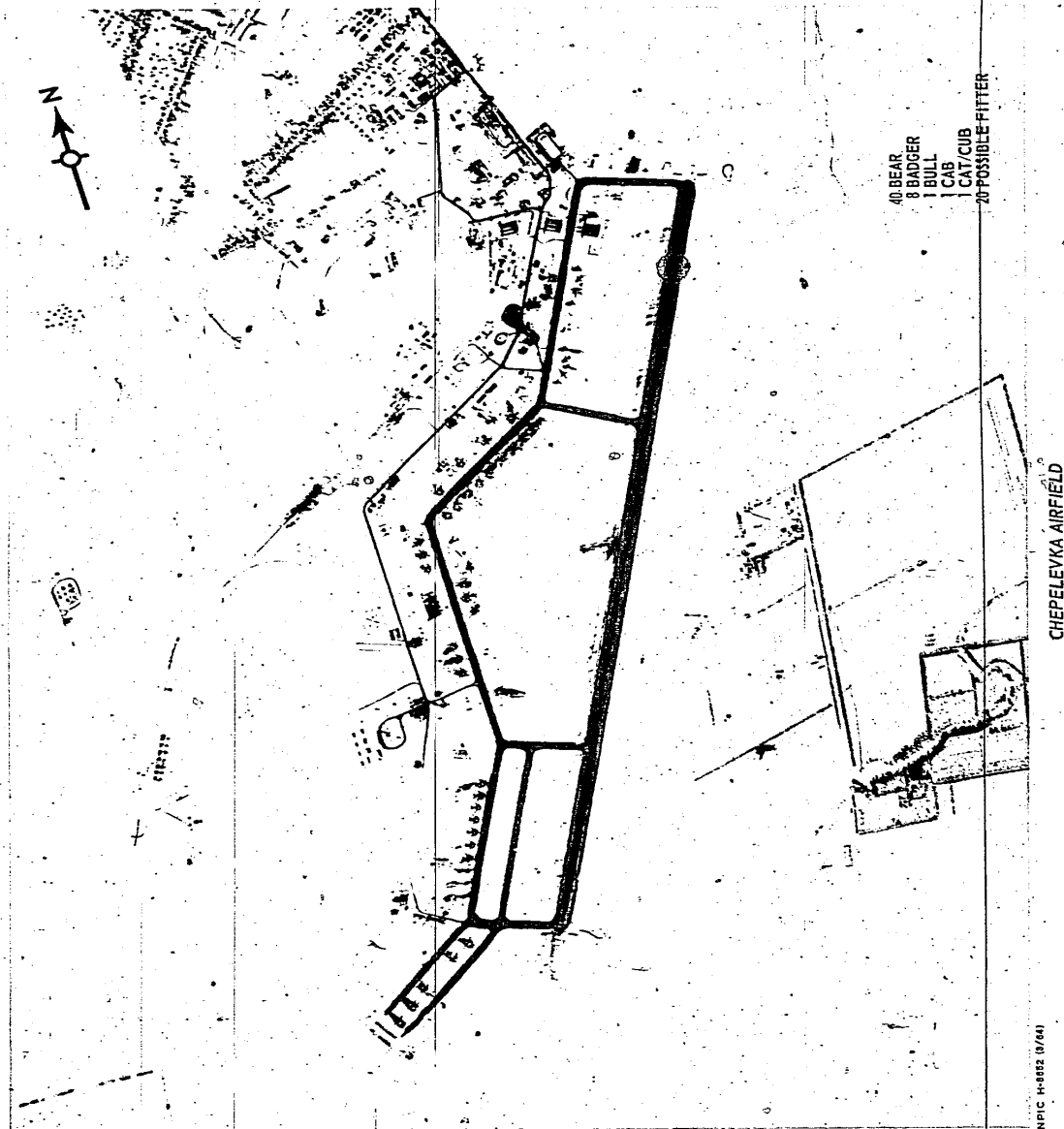
POSSIBLE AMM ASSOCIATED FACILITY, MOSCOW SAM SITE E15-1

NPIC H-8651 (3/64)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 17

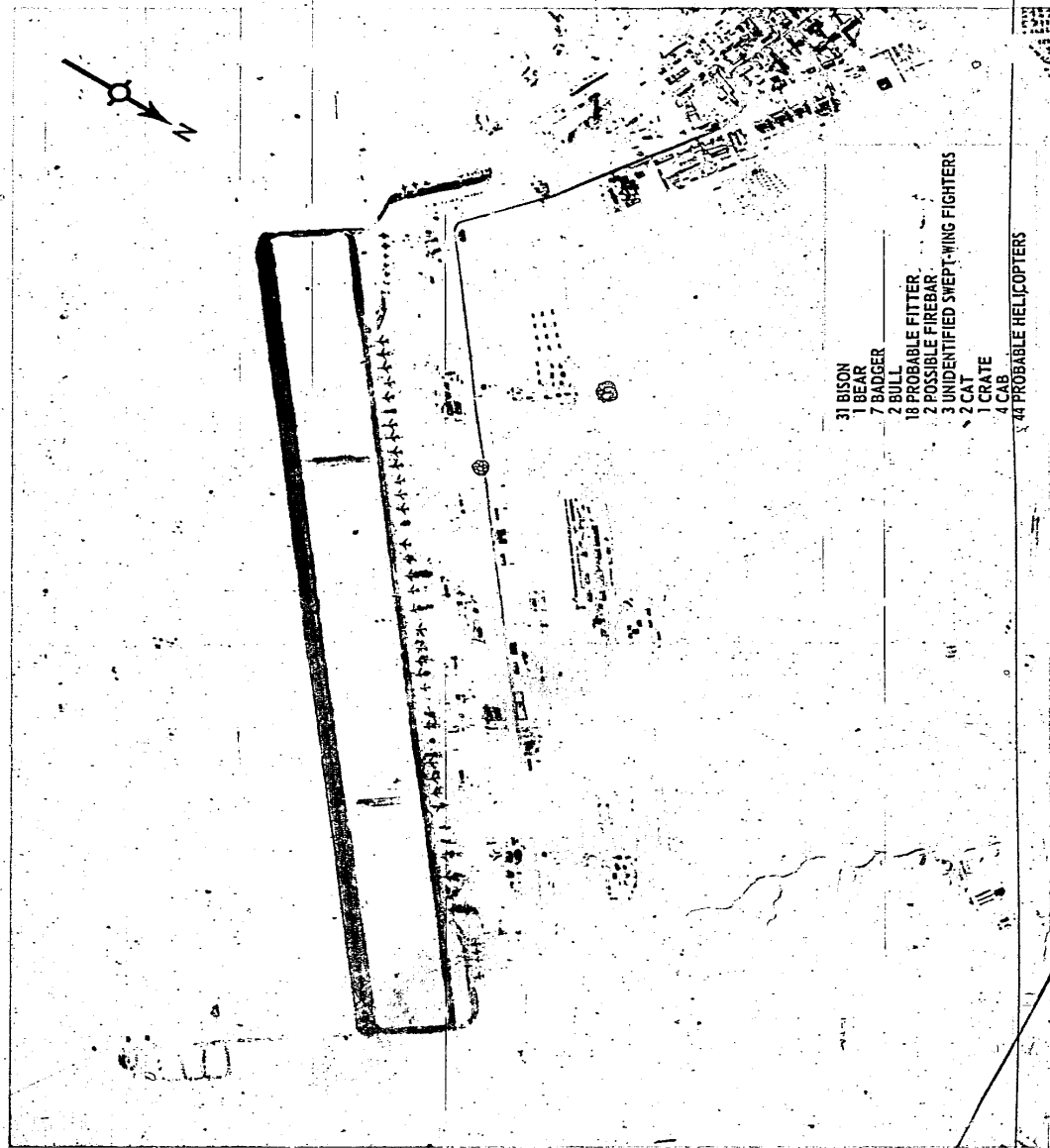


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TOP SECRET CHESS RUFF

NPIC/R-200/64

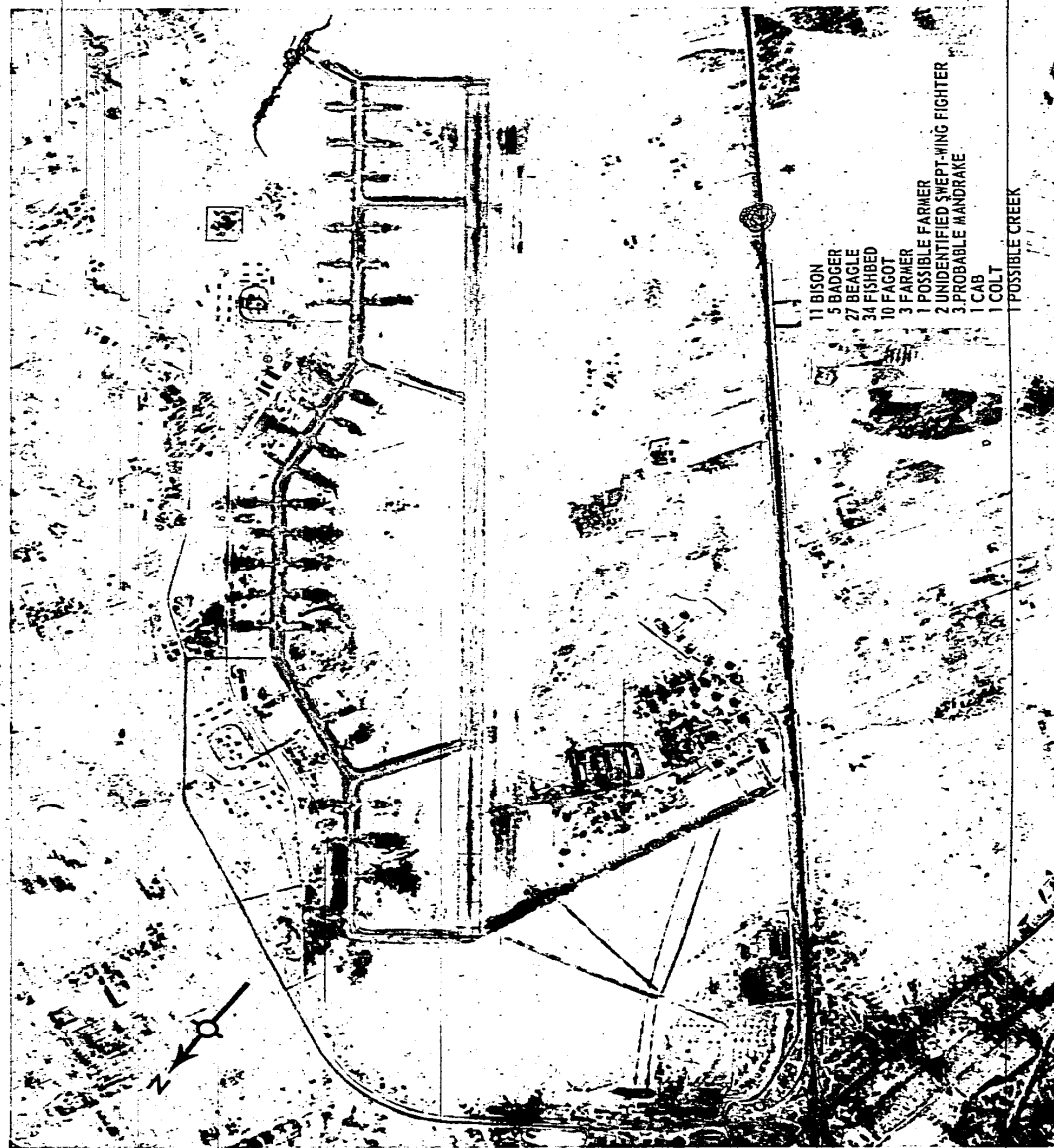
ATTACHMENT 18



TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-200/64
ATTACHMENT 19



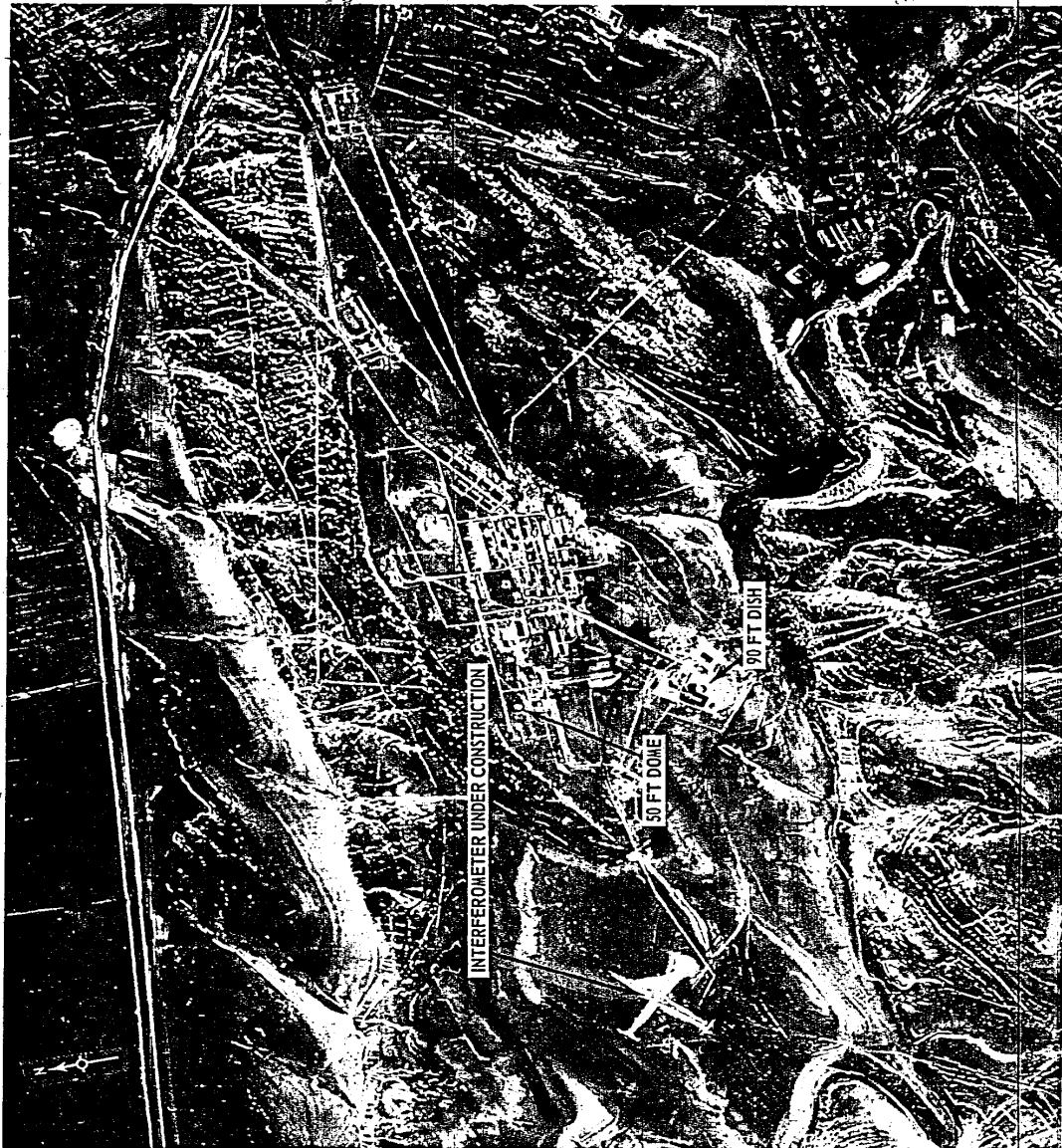
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NPIC/R-200/64
ATTACHMENT 23



SIMFEROPOL TRACKING AND COMMUNICATIONS CENTER

NPIC H-8888 03/64

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TOP SECRET

TOP SECRET